## Product: 8621 ⧉

# Electronic, 7 C #16 Str TC, PVC Ins, PVC Jkt

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✄ Request Sample

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## Product Description

Electronic, 7 Conductor 16AWG (19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | up to 600V analog signals ; up to 600V control ; line level audio; voice communications; panel wiring |

### Physical Characteristics (Overall)

**Conductor**

| Element | AWG | Stranding | Material | No. of Conductors |
|---|---|---|---|---|
| Conductor(s) | 16 | 19x29 | TC - Tinned Copper | 7 |
| Conductor Count: | | | 7 | |

**Insulation**

| Element | Material | Nominal Wall Thickness |
|---|---|---|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.031 in |

**Color Chart**

| Number | Color |
|---|---|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Orange |
| 6 | Blue |
| 7 | White/Black |

**Outer Jacket Material**

| Material | Nominal Diameter | Nominal Wall Thickness |
|---|---|---|
| PVC - Polyvinyl Chloride | 0.458 in | 0.045 in |

### Electrical Characteristics

**Conductor DCR**

| Nominal Conductor DCR |
|---|
| 4.4 Ohm/1000ft |

**Capacitance**

| Nom. Capacitance Conductor to Conductor |
|---|
| 19.5 pF/ft |

**Current**

| Max. Recommended Current [A] |
|---|
| 5 Amps per conductor @ 25°C |

**Voltage**

| UL Voltage Rating |
|---|
| 600 V RMS |

## Temperature Range

| UL Temp Rating: | 80°C |
|---|---|
| Operating Temp Range: | -20°C To +80°C |

## Mechanical Characteristics

| Bulk Cable Weight: | 132 lbs/1000ft |
|---|---|
| Max Recommended Pulling Tension: | 212 lbs |
| Min Bend Radius/Minor Axis: | 4.75 in |

## Standards

| CPR Euroclass: | Eca |
|---|---|

## Applicable Environmental and Other Programs

| EU Directive 2000/53/EC (ELV): | Yes |
|---|---|
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-01 |
| MII Order #39 (China RoHS): | Yes |

## Flammability, LS0H, Toxicity Testing

| UL Flammability: | UL 1581 (VW-1) |
|---|---|
| CSA Flammability: | FT1 |
| ISO/IEC Flammability: | IEC 60332-1-2 |
| UL voltage rating: | 600 V RMS |

## Part Number

**Variants**

| Item # | Color | Putup Type | Length | UPC |
|---|---|---|---|---|
| 8621 060100 | Chrome | Reel | 100 ft | 612825213529 |
| 8621 060500 | Chrome | Reel | 500 ft | 612825213543 |
| 8621 0601000 | Chrome | Reel | 1,000 ft | 612825213536 |

| Footnote: | C - CRATE REEL PUT-UP. |
|---|---|

## History

| Update and Revision: | Revision Number: 0.295 Revision Date: 04-30-2020 |
|---|---|

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